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foreign agriculture circular

U.S. Department of Agriculture
Foreign Agricultural Service
Economic Research Service

World Crop Production

Approved by the World Agricultural Outlook Board • USDA

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October 12, 1983

WORLD CROP PRODUCTION ESTIMATES LITTLE CHANGED FROM LAST MONTH

Region	1981/82	1982/83	1983/84 Proj.	
			Sept.	Oct.
	<u>Total Grains (Million metric tons) 1/</u>			
World	1625.7	1676.7	1584.8	1590.8
United States	333.4	339.0	213.1	209.7
Rest of World	1292.3	1337.7	1371.8	1381.1
	<u>Oilseeds (Million metric tons)</u>			
World	170.1	179.2	163.5	162.8
United States	64.3	69.3	48.0	47.0
Rest of World	105.8	109.8	115.4	115.7
	<u>Cotton (Million bales)</u>			
World	70.7	67.5	66.5	66.7
United States	15.6	12.0	7.8	7.5
Rest of World	55.1	55.5	58.7	59.1

1/ Includes rice on a rough basis.

* Total world grain production now is forecast at 1,591 million tons, up 0.3 percent from last month's estimate but 5 percent below the record 1982/83 harvest. A further reduction put the U.S. grain production estimate at 210 million tons, 2 percent below last month's forecast and 38 percent lower than last year's record harvest. Reductions this month in the crop projections for the United States and Canada were outweighed by increases for China, India, Australia, and Argentina. Forecast Soviet grain production remains unchanged at 200 million tons.

* Excellent weather during September boosted potential wheat yields in several major growing areas. A record world wheat crop of 484 million tons now is expected, 1 percent above both last month's forecast and last year's production. Major increases from a month ago were registered for China, Australia, and India; all have record wheat crops in sight. The Argentine forecast also was raised. Foreign production gains are outweighing a 14-percent reduction from a year ago in U.S. wheat output.

* World coarse grain production for 1983/84 has been cut another 0.5 percent from last month's forecast to 681 million tons, 13 percent below the record 1982/83 crop. The U.S. coarse grain harvest, now put at 140

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WORLD CROP PROJECTIONS

Projections of 1983/84 world crop production are tentative. For the Northern Hemisphere, the projections include harvested winter grain crops with spring crops such as corn, soybeans, and cotton now being harvested. For the Southern Hemisphere, projections include winter grain crops in the maturing and early harvesting stage and spring crops now being planted. Climatic and market developments over the next several months will continue to influence 1983/84 production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, and analysts' judgments. The indicated variations around projections in this report should encompass final outcomes about 2-out-of-3 times. The reliability of past world production estimates and measures of production variability are on pages 16-18.

Forecasts of 1983 U.S. acreage, yield, and production for crops, except for sunflowers, are from the U.S. Crop Production report released today by USDA's Crop Reporting Board.

This report draws on information from USDA's global network of agricultural attaches and counselors, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economic Research Service (ERS), and the World Agricultural Outlook Board (WAOB).

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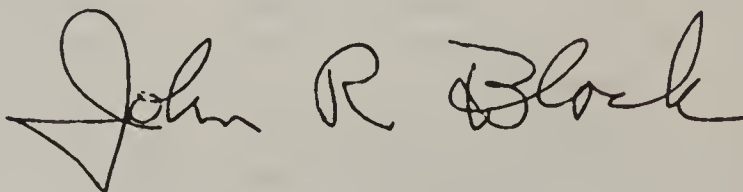
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million tons after a further downward adjustment of 2.3 percent from the September estimate, will be about 45 percent below the 1982/83 record. Production forecasts also were reduced from a month ago for Canada, Western Europe, and Turkey where poor weather reduced yields, particularly in the barley crops. Forecasts were raised for Eastern Europe and Australia where the weather has been favorable for crop development.

- * Global rice output for 1983/84 now is forecast at a record 425 million tons, 1 percent above last month's estimate and 2 percent above the 1982/83 crop. Excellent September weather boosted yield prospects considerably in China, India, and Bangladesh; the latter two are expecting record rice harvests. The U.S. rice forecast was adjusted down slightly from a month ago and remains about a third below the 1982/83 crop.
- * World oilseed production in 1983/84 is forecast at 162.8 million tons, down 0.7 million from last month and 16.4 million or 9 percent below year-earlier levels. A 1-million-ton reduction in the U.S. crop estimate was only partly offset by higher prospects in the rest of the world, mostly in India where summer rainfall helped the peanut and soybean crops. Downward revisions in U.S. crop prospects were centered in soybeans and sunflowerseed.
- * Global soybean output in 1983/84 is forecast at 77.3 million tons, down 0.3 million from last month. A downward revision of 0.5 million tons in the United States to 41.3 million is attributed mostly to lingering effects of this summer's drought and to some further acreage abandonment. This leaves U.S. production about 32 percent below 1982's output which also was lowered by 1.3 million tons based on assessments made after the year-end soybean stocks report released in September. The decline in U.S. output partly was offset by a 0.2-million-ton upward revision for India where summer rainfall benefited yields.
- * World sunflowerseed production is forecast at 16.4 million tons, down 0.5 million or 3 percent from last month, but only 0.2 million below year-earlier levels. A reduction of 0.4 million tons in the U.S. crop from earlier indications is attributed to reduced yields due to dry weather in the major growing area.
- * World peanut production in 1983/84 is forecast at 19.0 million tons, up 0.4 million from last month and 1.4 million or 8 percent above year-earlier levels. Very favorable summer rainfall in India prompted a 0.7-million-ton upward revision to 7.0 million. However, drought conditions have significantly reduced yield prospects in Senegal.
- * World rapeseed output in 1983/84 is forecast at 14.5 million tons, down 0.4 million from last month and 0.6 million below year-earlier levels. Major reductions from last month are indicated for Canada where very dry August weather has cut this year's yield prospects with production forecast at 2.67 million tons, down 0.23 million from last month.
- * World cotton production in 1983/84 is forecast at 66.7 million bales, slightly above last month, but 0.8 million below 1982/83. Global output is up 0.2 million bales from September indications as improved foreign production prospects more than offset smaller U.S. prospects. Foreign output is placed at a record 59.1 million bales, up nearly 0.5 million from last month, primarily reflecting a larger prospective Soviet crop. Because of improved weather and crop conditions, production in the USSR is forecast at 13.5 million bales, 4 percent above a month earlier and 13 percent above the reduced 1982 crop. This would also be the second largest crop on

record. U.S. production now is expected to total 7.55 million bales, 3 percent below the September forecast. Indicated output is 37 percent below a year earlier as both area and yields are down sharply.

WORLD WEATHER HIGHLIGHTS THROUGH OCTOBER 11

United States--Temperature averages continued unseasonably warm from the Southwest to the central Great Plains and over New England, contrasting sharply with cooler-than-normal averages in the Gulf Coast and Pacific Northwest and near-normal readings elsewhere. A brief break in the heat brought an early freeze to the Texas Panhandle September 21, causing some damage to immature cotton. The warm weather aided the drying of corn and soybeans for harvest. These crops were pushed to an earlier-than-normal maturity across most of the Corn Belt. Showers briefly interrupted harvest work, but provided beneficial moisture for planting and germination of winter grains. However, dryness continues to delay planting in much of the southwest hard red winter wheat belt from Texas to western Kansas and southwest Colorado. Rainfall, exceeding 5 times normal totals, caused extensive flooding in portions of the Southwest and slight damage to crops, particularly cotton grown in Arizona.

USSR--With the exception of limited areas in eastern Kazakhstan and Western Siberia, conditions as of early October have been beneficial for the conclusion of the 1983 grain harvest. Temperatures have been seasonal, and, with the exception of the aforementioned areas, precipitation has been about normal. Wet weather slowed the harvest pace in the eastern New Lands, but the crop still is likely to be brought in. In southern European USSR, rains in late September and early October improved conditions for germination of fall-seeded crops and also reduced the area deficient in soil moisture. While subsoil moisture over this general area is better than a year ago, additional precipitation, especially in northern Rostov Oblast and Stavropol Kray in the North Caucasus, will be needed for proper plant development prior to dormancy. As of October 3, winter crops had been seeded on 34.2 million hectares, and the Ukraine and Belorussia reportedly have overfulfilled their plans. Weather conditions benefited the harvests of sunflowers, sugar beets and cotton.

Europe--Showers covered northern crop areas where topsoil moisture is adequate for winter grain planting. Dry weather after mid-September benefited corn harvesting in southern France. A period of heavy rain in late September over southeastern Europe improved topsoil moisture for winter wheat planting, but delayed summer crop harvesting. Continued dryness over Hungary is prompting some concern as topsoil moisture is inadequate for winter grain emergence. Much of the Iberian Peninsula was dry, and fieldwork in preparation for winter grain planting awaits the onset of the rainy season which normally begins in late September.

Canada--Wet weather in the first half of September delayed the harvest, especially in northern crop areas. By mid-September, autumn-like weather brought the first frost to the Prairies. Drier weather and seasonal temperatures in late September and early October aided completion of most of the grain and oilseed harvests. Overall, August's hot, dry weather reduced earlier yield expectations while wet harvest weather lowered crop quality somewhat.

South America--Recent rain aided vegetative growth of wheat in eastern crop areas of Argentina, but western regions have become warm and dry in recent weeks. Rain will be needed in the west in coming weeks as wheat advances through reproduction and early grain filling. In Brazil, seasonal rainfall has allowed wheat harvesting and moistened soils sufficiently for soybean

planting which is soon to begin. Above-average rainfall in northern crop areas has lowered the quality of the coffee harvest.

Australia--The crop is in mostly good condition throughout the wheat belt. Above-average September rains in Victoria caused some local flooding and contributed to an outbreak of stripe rust. However, recent drier and mild weather favored wheat growth as the crop approaches reproduction in the south. Elsewhere, moisture would benefit wheat in Western Australia which has been somewhat dry recently while timely showers aided reproduction and grain filling in northern New South Wales.

South Africa--The rainy season and subsequent corn planting are underway. Moisture conditions are still too dry in the western Orange Free State, but planting can take place later there because of a longer growing season.

Eastern Asia--Moderate-to-heavy precipitation in the Yangtze Valley area was unfavorable for harvesting cotton, corn and soybeans. However, periods of dry weather between the heaviest rains prevented serious widespread crop damage. Rains in the wheat region provided good planting moisture. Dry weather in Hubei and northern Shandong hampered winter wheat planting. Favorable weather aided rice crop development.

South Asia--A final surge of monsoon rains extended into Uttar Pradesh where the localized heavy precipitation greatly benefited planting in the northern wheat region. Recent dry weather in Punjab and Haryana has created unfavorable planting conditions for winter wheat. Central India remained favorably moist for autumn rice, cotton and groundnuts in reproductive and filling stages.

Southeast Asia--Rainfall continued at near- or above-normal amounts in most of Thailand. Early-planted rice crops normally are harvested at this time of year and late-planted rice in the filling stage is benefiting from the moisture. Scattered precipitation fell in the Philippines with beneficial but below-normal amounts falling in central Luzon.

WORLD AGRICULTURAL WEATHER HIGHLIGHTS

Date OCTOBER 12, 1983



World crop production summary 1/

[illegible]

1/ 1982/83 estimates are preliminary. The 1983/84 projections are based on surveys, trends, and judgement of commodity and country analysts. Where available, USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Proj. 1983/84 Soviet crop of 200 million tons includes around 9 million tons of minor grains and pulses not shown in total above. The total Soviet grain crop is estimated at 180 million tons for 1982/83 and 160 million for 1981/82.

World crop production summary 1/---Continued

Major regions and countries									
: Middle East	: Latin America	:	:	:Total for	:	:	: World	:	:
: and	: and	: Oceania	: major	: Other	:	: less	:	:	:
: Africa	: Caribbean	:	: regions	: Coun-	:	: United	: World	:	:
:South :	:Argen- :	:	: and	: tries	:	: States	:	:	:
:Africa :Turkey :	tina : Brazil :	:Australia:	countries:	:	:	:	:	:	:
---Million metric tons---									
2.3	13.2	8.3	2.2	16.4	422.2	27.0	373.0	449.2	: 1
2.3	13.8	14.5	1.8	8.8	451.0	28.5	403.1	479.5	: 2
1.8	13.3	11.0	1.7	18.0	452.7	26.8	414.0	479.5	: 3
1.9	13.0	11.5	1.8	19.0	457.2	27.1	418.8	484.3	: 4
8.8	8.1	18.4	23.4	6.6	678.2	86.5	515.8	764.8	: 5
4.3	8.7	17.7	19.9	3.8	701.8	77.5	524.1	779.6	: 6
10.2	8.1	17.6	23.9	7.6	603.0	81.8	542.0	684.8	: 7
10.2	7.5	17.6	23.9	8.5	600.0	81.1	541.6	681.1	: 8
---	---	0.4	9.2	0.9	303.1	108.7	403.5	411.7	: 9
---	---	0.3	7.8	0.5	305.6	111.5	410.1	417.6	: 10
---	---	0.3	9.5	0.7	308.5	112.0	415.8	420.5	: 11
---	---	0.3	9.5	0.7	312.8	112.5	420.7	425.3	: 12
11.2	21.3	27.0	34.7	23.8	1403.1	222.6	1292.3	1625.7	: 13
6.6	22.5	32.5	29.6	13.2	1458.8	217.9	1337.7	1676.7	: 14
12.0	21.4	28.9	35.0	26.4	1364.3	220.5	1371.8	1584.8	: 15
12.1	20.5	29.4	35.2	28.2	1369.9	220.9	1381.1	1590.8	: 16
---	---	7.3	14.3	---	147.1	16.3	105.8	170.1	: 17
---	---	6.9	16.2	---	157.4	15.5	109.8	179.2	: 18
---	---	8.3	16.7	---	139.7	17.3	115.4	163.5	: 19
---	---	8.3	16.7	---	139.3	17.1	115.7	162.8	: 20
---Million 480-pound bales---									
---	2.2	0.7	3.0	---	58.3	12.4	55.1	70.7	: 21
---	2.2	0.5	3.0	---	56.2	11.3	55.5	67.5	: 22
---	2.3	0.8	2.8	---	54.1	12.4	58.7	66.5	: 23
---	2.3	0.8	2.8	---	54.3	12.4	59.1	66.7	: 24

3/ Totals for major regions and countries and other countries include the six major oilseeds shown elsewhere in this report, while world total also includes copra and palm kernels for countries shown plus other countries

--- - No production reported or insignificant production.

**Totals may not add due to rounding.

U.S. Crop Acreage, Yield and Production 1/
(Domestic Units)

Item	Harvested area				Yield				Production			
	: 1983/84 proj. :				: 1983/84 proj. :				: 1983/84 proj. :			
	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :	: 1981/82 : 1982/83 : Sept. : Oct. :
	--- Million acres ---				--- Bushels per acre ---				--- Million bushels ---			
All wheat	: 81.0	: 78.8	: 61.0	: 61.0	: 34.5	: 35.6	: 39.5	: 39.5	: 2799	: 2809	: 2408	: 2408
Winter	: 58.6	: 58.3	: 47.2	: 47.2	: 35.9	: 36.1	: 41.8	: 41.8	: 2104	: 2108	: 1977	: 1977
Other	: 22.4	: 20.5	: 13.7	: 13.7	: 31.1	: 34.2	: 31.5	: 31.5	: 695	: 701	: 431	: 431
Rye	: 0.7	: 0.7	: 0.9	: 0.9	: 26.6	: 29.1	: 30.0	: 30.0	: 19	: 21	: 26	: 26
					--- Metric tons per acre ---							
Feedgrains	: 107.0	: 107.1	: 80.7	: 80.5	: 2.32	: 2.38	: 1.76	: 1.73	: 248.5	: 255.0	: 142.2	: 138.9
												: ±5
Corn	: 74.7	: 73.2	: 51.6	: 51.4	: 109.8	: 114.8	: 85.1	: 82.9	: 8202	: 8397	: 4390	: 4,259
Sorghum	: 13.7	: 14.2	: 10.1	: 10.1	: 64.1	: 59.0	: 47.4	: 47.5	: 879	: 841	: 480	: 482
Barley	: 9.2	: 9.1	: 9.9	: 9.9	: 52.3	: 57.3	: 53.7	: 53.7	: 479	: 522	: 532	: 532
Oats	: 9.4	: 10.6	: 9.1	: 9.1	: 54.1	: 58.4	: 52.2	: 52.2	: 509	: 617	: 472	: 472
Soybeans	: 66.4	: 69.8	: 61.7	: 61.4	: 30.1	: 31.9	: 24.9	: 24.7	: 2000	: 2230	: 1535	: 1,517
												: ±160
												: ±20
												: ---
												: ---
												: ±55
Rice	: 3.8	: 3.3	: 2.2	: 2.2	: 4819	: 4742	: 4627	: 4610	: 182.7	: 154.2	: 103.9	: 102.6
												: ±3
All cotton	: 13.8	: 9.7	: 7.5	: 7.4	: 543	: 593	: 501	: 487	: 15.6	: 12.0	: 7.8	: 7.5
												: ±0.4

U.S. Planted Area for Major Crops 1/

Item	Wheat			Rice			Feedgrains			All		
	Winter	Other	Total	Rye	Corn	Sorghum	Barley	Oats	Total	Soybeans	Cotton	Total
	--- Million acres ---											
1981/82	66.0	22.9	88.9	2.6	3.8	84.2	9.7	13.7	123.6	67.8	14.3	301.0
1982/83	66.4	20.9	87.3	2.6	3.3	81.9	9.6	14.2	121.9	71.5	11.3	298.8
1983/84												
Sept.proj.	62.5	14.1	76.6	2.8	2.3	60.1	10.5	20.2	102.4	63.3	8.3	255.9
Oct. proj.	62.5	14.1	76.6	2.8	2.3	60.1	10.5	20.2	102.4	63.3	8.3	255.9

1/ 1982/83 is preliminary. 1983/84 projections from U.S. Crop Reporting Board.

Wheat area, yield, and production: World and selected countries and regions 1/

Region/country:	Area			Yield			Production			
	: 1981/82	: 1982/83	: 1983/84 proj.	: 1981/82	: 1982/83	: 1983/84 proj.	: 1981/82	: 1982/83	: 1983/84 proj.	
	: ---Million hectares---			: -----Metric tons per hectare-----						
United States	: 32.8	: 31.9	: 24.7	: 2.32	: 2.40	: 2.66	: 2.66	: 76.2	: 76.4	: 65.5
Canada	: 12.4	: 12.6	: 13.7	: 2.00	: 2.13	: 1.98	: 1.95	: 24.8	: 26.8	: 26.6
Western Europe	: 16.4	: 16.8	: 17.0	: 3.71	: 4.06	: 3.95	: 3.92	: 60.9	: 68.1	: 66.6
Eastern Europe	: 9.0	: 9.4	: 9.7	: 3.38	: 3.70	: 3.38	: 3.45	: 30.5	: 34.7	: 33.4
USSR	: 59.2	: 57.3	: 52.3	: 1.35	: 1.50	: 1.63	: 1.63	: 80.0	: 86.0	: 85.0
Gen. Planned Asia:										
PRC	: 28.3	: 27.9	: 28.6	: 2.11	: 2.45	: 2.66	: 2.73	: 59.6	: 68.4	: 78.0
South Asia										
India	: 22.3	: 22.3	: 22.8	: 1.63	: 1.70	: 1.83	: 1.86	: 36.3	: 37.8	: 42.5
Pakistan	: 7.0	: 7.1	: 7.2	: 1.64	: 1.61	: 1.71	: 1.71	: 11.5	: 11.5	: 12.3
M. East & Africa										
South Africa	: 1.8	: 2.0	: 1.7	: 1.31	: 1.16	: 1.04	: 1.10	: 2.3	: 2.3	: 1.9
Turkey	: 8.5	: 8.6	: 8.7	: 1.55	: 1.60	: 1.55	: 1.49	: 13.2	: 13.8	: 13.0
L America & Carib:										
Argentina	: 5.9	: 7.3	: 6.5	: 1.41	: 1.98	: 1.72	: 1.77	: 8.3	: 14.5	: 11.5
Brazil	: 1.9	: 2.8	: 1.8	: 1.15	: 0.65	: 0.92	: 1.03	: 2.2	: 1.8	: 1.8
Oceania										
Australia	: 11.9	: 11.6	: 12.7	: 1.38	: 0.76	: 1.38	: 1.50	: 16.4	: 8.8	: 19.0
Total above	: 217.4	: 217.5	: 207.3	: 1.94	: 2.07	: 2.18	: 2.21	: 422.2	: 451.0	: 452.7
Other countries	: 21.9	: 21.6	: 21.8	: 1.23	: 1.32	: 1.24	: 1.24	: 27.0	: 28.5	: 27.1
World	: 239.3	: 239.1	: 229.1	: 1.88	: 2.01	: 2.09	: 2.11	: 449.2	: 479.5	: 484.3
World less U. S.	: 206.5	: 207.2	: 204.4	: 1.81	: 1.95	: 2.03	: 2.05	: 373.0	: 403.1	: 418.8
Major foreign ex porters 2/	: 42.9	: 44.4	: 46.0	: 2.42	: 2.47	: 2.48	: 2.51	: 103.8	: 109.7	: 115.3

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, Argentina, and EC.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield				Production					
	: 1981/82 : 1982/83: proj.		: 1981/82 : 1982/83: Sept. : Oct.		: 1983/84 proj.		: 1981/82 : 1982/83 : Sept.: Oct.		: 1983/84 proj. 2/			
	: 1982/83: proj.		: 1981/82 : 1982/83: Sept. : Oct.		: 1983/84 proj.		: 1981/82 : 1982/83 : Sept.: Oct.		: 1983/84 proj. 2/			
	: 1982/83: proj.		: 1981/82 : 1982/83: Sept. : Oct.		: 1983/84 proj.		: 1981/82 : 1982/83 : Sept.: Oct.		: 1983/84 proj. 2/			
: ---Million hectares---												
: ---Million metric tons---												
: Metric tons per hectare												
United States	: 43.6	: 43.6	: 32.9	: 5.71	: 5.86	: 4.33	: 4.24	: 249.0	: 255.5	: 142.8	: 139.5	
Canada	: 9.2	: 8.9	: 7.8	: 2.83	: 2.99	: 2.72	: 2.65	: 26.0	: 26.7	: 21.4	: 20.8	
Western Europe	: 24.5	: 24.1	: 23.3	: 3.59	: 3.90	: 3.65	: 3.65	: 87.9	: 93.8	: 85.5	: 85.0	
Eastern Europe	: 19.8	: 19.8	: 19.4	: 3.14	: 3.63	: 3.28	: 3.34	: 62.0	: 71.7	: 63.6	: 64.7	
USSR	: 58.0	: 58.0	: 60.7	: 1.24	: 1.48	: 1.70	: 1.70	: 72.0	: 86.0	: 103.0	: 103.0	
Cen. Planned Asia:												
PRC	: 31.1	: 30.2	: 30.2	: 2.60	: 2.74	: 2.81	: 2.81	: 80.8	: 82.7	: 85.0	: 85.0	
South Asia												
India	: 42.0	: 41.2	: 41.8	: 0.73	: 0.66	: 0.72	: 0.72	: 30.6	: 27.4	: 30.0	: 30.0	
N East&Other Asia:												
Thailand	: 2.0	: 2.1	: 2.1	: 2.40	: 1.82	: 2.06	: 2.06	: 4.7	: 3.8	: 4.3	: 4.3	
M East and Africa:												
South Africa	: 5.2	: 5.2	: 4.9	: 1.69	: 0.83	: 2.06	: 2.06	: 8.8	: 4.3	: 10.2	: 10.2	
Turkey	: 4.3	: 4.3	: 3.9	: 1.90	: 2.01	: 1.95	: 1.94	: 8.1	: 8.7	: 8.1	: 7.5	
L America & Carib:												
Argentina	: 6.4	: 6.3	: 6.0	: 2.88	: 2.79	: 2.91	: 2.91	: 18.4	: 17.7	: 17.6	: 17.6	
Brazil	: 13.7	: 11.4	: 13.3	: 1.71	: 1.74	: 1.79	: 1.79	: 23.4	: 19.9	: 23.9	: 23.9	
Oceania												
Australia	: 4.8	: 4.6	: 6.1	: 1.37	: 0.84	: 1.40	: 1.40	: 6.6	: 3.8	: 7.6	: 8.5	
Total above	: 264.5	: 259.8	: 252.6	: 2.56	: 2.70	: 2.39	: 2.38	: 678.2	: 701.8	: 603.0	: 600.0	
Other countries	: 84.5	: 80.0	: 80.8	: 1.02	: 0.97	: 1.00	: 1.00	: 86.5	: 77.5	: 81.8	: 81.1	
World	: 349.0	: 339.8	: 333.4	: 2.19	: 2.29	: 2.05	: 2.04	: 764.8	: 779.6	: 684.8	: 681.1	
World less U. S.	: 305.5	: 296.2	: 300.5	: 1.69	: 1.77	: 1.80	: 1.80	: 515.8	: 524.1	: 542.0	: 541.6	
Major foreign ex	: 27.5	: 27.1	: 26.9	: 2.35	: 2.07	: 2.31	: 2.28	: 64.5	: 56.3	: 61.1	: 61.4	
porters 3/												

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 17.

3/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

Rice(rough) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area			Yield			Production		
	: 1981/82	: 1982/83	: 1983/84	: 1981/82	: 1982/83	: 1983/84	: 1981/82	: 1982/83	: 1983/84
	proj.	proj.	proj.	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.
	---Million hectares---			Metric tons per hectare			-----Million metric tons-----		
United States	1.5	1.3	0.9	5.40	5.32	5.18	5.17	8.3	7.0
Western Europe	0.3	0.3	0.3	5.53	5.50	5.35	5.35	1.6	1.6
USSR	0.6	0.6	0.7	3.78	3.70	3.86	3.86	2.4	2.4
Cen. Planned Asia:									
PRC	33.3	33.1	33.3	4.32	4.88	4.56	4.62	144.0	161.2
South Asia									
Bangladesh	10.5	10.6	10.6	1.96	2.04	2.05	2.10	20.5	21.3
Burma	4.8	4.7	5.0	2.84	3.09	2.80	2.80	13.6	14.4
India	40.8	39.0	40.8	1.98	1.76	1.97	2.02	80.5	68.8
Pakistan	2.0	2.0	2.0	2.61	2.59	2.69	2.69	5.2	5.1
N East&Other Asia:									
Indonesia	9.4	9.0	9.3	3.49	3.78	3.64	3.64	32.8	34.1
Japan	2.3	2.3	2.3	5.63	5.69	5.97	5.97	12.8	12.8
South Korea	1.2	1.2	1.2	5.84	6.15	6.30	6.24	7.1	7.3
Thailand	9.4	9.2	9.4	1.90	1.82	1.89	1.89	17.8	16.8
L America & Carib:									
Argentina	0.1	0.1	0.1	3.10	3.49	3.56	3.56	0.4	0.3
Brazil	6.0	5.4	6.2	1.54	1.46	1.53	1.53	9.2	7.8
Oceania									
Australia	0.1	0.1	0.1	6.95	5.93	6.26	6.26	0.9	0.5
Total above	122.1	118.7	122.2	2.92	3.05	3.00	3.03	356.8	361.8
Other countries	23.1	22.8	22.7	2.38	2.45	2.41	2.42	54.9	55.8
World	145.2	141.5	144.9	2.84	2.95	2.90	2.94	411.7	417.6
World less U. S.	143.7	140.2	144.0	2.81	2.93	2.89	2.92	403.4	410.6
Major foreign ex- porters 2/	16.3	15.9	16.5	2.30	2.31	2.29	2.28	37.4	36.8

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Australia, Burma, Pakistan, and Thailand.

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield				Production				
	: 1981/82 : 1982/83: proj.		: 1983/84		: 1982/83: Sept. : Oct.		: 1981/82 : 1982/83 : Sept. : Oct.		: 1983/84/ proj.2/ :		
	: ---Million hectares---				Kilograms per hectare		: 1981/82 : 1982/83 : Sept. : Oct.		: 1983/84/ proj.2/ :		

1/ Totals and averages based on unrounded data. 1982/83 estimates are preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

4/ Includes USSR, Pakistan, Sudan, Turkey, Central America, and Mexico.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield				Production				
	:	:	:	:	:	:	:	:	:		
	: 1981/82	: 1982/83	: 1983/84	:	: 1981/82	: 1982/83	: 1983/84	: 1981/82	: 1982/83	: 1983/84	
	proj.	proj.	proj.	Sept.	Oct.	Sept.	Oct.	Sept.	Oct.	Oct.	
-----Million hectares-----			-----Million metric tons-----								
United States	: 26.86	: 28.26	: 24.87	: 2.03	: 2.15	: 1.66	: 1.67	: 54.44	: 60.68	: 41.78	: 41.29
Canada	: 0.28	: 0.36	: 0.38	: 2.18	: 2.35	: 1.95	: 1.88	: 0.61	: 0.86	: 0.74	: 0.71
Eastern Europe	: 0.48	: 0.49	: 0.52	: 1.09	: 1.48	: 1.29	: 1.29	: 0.52	: 0.72	: 0.68	: 0.68
USSR	: 0.86	: 0.88	: 1.00	: 0.52	: 0.56	: 0.59	: 0.59	: 0.45	: 0.49	: 0.59	: 0.59
Cen. Planned Asia:											
PRC	: 8.02	: 8.41	: 8.10	: 1.16	: 1.07	: 1.17	: 1.17	: 9.33	: 9.03	: 9.50	: 9.50
South Asia											
India	: 0.40	: 0.45	: 0.58	: 1.16	: 1.00	: 1.00	: 1.21	: 0.46	: 0.45	: 0.50	: 0.70
L America & Carib:											
Argentina	: 1.98	: 2.12	: 2.45	: 2.09	: 1.69	: 1.92	: 1.92	: 4.15	: 3.57	: 4.70	: 4.70
Brazil	: 8.20	: 8.23	: 8.87	: 1.56	: 1.79	: 1.72	: 1.72	: 12.84	: 14.75	: 15.30	: 15.30
Paraguay	: 0.42	: 0.35	: 0.42	: 1.43	: 1.43	: 1.49	: 1.49	: 0.60	: 0.50	: 0.62	: 0.62
Total above	: 47.51	: 49.54	: 47.19	: 1.76	: 1.84	: 1.57	: 1.57	: 83.39	: 91.05	: 74.40	: 74.08
Other countries	: 2.36	: 2.42	: 2.54	: 1.23	: 1.19	: 1.25	: 1.25	: 2.90	: 2.86	: 3.12	: 3.17
World	: 49.87	: 51.96	: 49.73	: 1.73	: 1.81	: 1.55	: 1.55	: 86.29	: 93.91	: 77.52	: 77.25
World less U. S.	: 23.01	: 23.70	: 24.86	: 1.38	: 1.40	: 1.45	: 1.45	: 31.85	: 33.24	: 35.75	: 35.97
Major foreign ex- porters 3/	: 10.61	: 10.69	: 11.74	: 1.66	: 1.76	: 1.76	: 1.76	: 17.58	: 18.82	: 20.62	: 20.62

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation.

A measure of the reliability of the estimates by country is presented on page 18
3/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

		Major regions and countries							
								Centrally:	
								Planned : South Asia	
Commodity		United States	Canada	Western Europe	Eastern Europe	USSR	Asia		
								PRC	India : Pakistan
		---Million metric tons---							
:Cottonseed									
1:	1981/82	5.80	0.00	0.34	0.02	5.28	5.94	2.73	1.50
2:	1982/83	4.30	0.00	0.30	0.02	5.00	7.20	2.68	1.60
	: 1983/84								
3:	Sep. proj.	2.83	0.00	0.31	0.03	5.30	7.40	2.77	1.70
4:	Oct. proj.	2.76	0.00	0.32	0.03	5.51	7.40	2.77	1.70
:Peanuts									
: (In-shell)									
5:	1981/82	1.81	0.00	0.01	0.00	0.00	3.83	7.24	0.07
6:	1982/83	1.56	0.00	0.01	0.00	0.00	3.92	5.50	0.08
	: 1983/84								
7:	Sep. proj.	1.32	0.00	0.01	0.00	0.00	3.90	6.30	0.08
8:	Oct. proj.	1.32	0.00	0.01	0.00	0.00	3.90	7.00	0.08
:Sunflower seed									
9:	1981/82	2.10	3/ 0.16	0.90	2.25	4.68	1.33	0.13	0.02
10:	1982/83	2.49	3/ 0.09	1.52	2.17	5.30	1.29	0.22	0.03
	: 1983/84								
11:	Sep. proj.	1.92	3/ 0.09	1.77	1.94	5.50	1.30	0.28	0.04
12:	Oct. proj.	1.48	3/ 0.09	1.71	1.93	5.50	1.30	0.28	0.04
:Rapeseed									
13:	1981/82	0.00	1.84	2.43	1.16	0.03	4.06	2.36	0.24
14:	1982/83	0.00	2.25	3.13	1.08	0.06	5.66	2.50	0.25
	: 1983/84								
15:	Sep. proj.	0.00	2.90	3.09	1.33	0.12	4.40	2.50	0.28
16:	Oct. proj.	0.00	2.68	2.95	1.34	0.12	4.40	2.50	0.28
:Flax seed									
17:	1981/82	0.20	0.47	0.03	0.08	0.16	0.00	0.47	0.01
18:	1982/83	0.30	0.73	0.04	0.08	0.15	0.00	0.48	0.01
	: 1983/84								
19:	Sep. proj.	0.19	0.49	0.04	0.08	0.21	0.00	0.45	0.01
20:	Oct. proj.	0.19	0.48	0.04	0.08	0.21	0.00	0.45	0.01

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts; Argentina and Canada, flaxseed.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries						:	:	:	:	:	:
Middle East	Latin America		Total for		Other	:	:	:	World	Major	:
and	and		Major		coun-	:	:	:	less	foreign	:
Africa	Caribbean		regions		tries	:	:	:	World	United	:
:	:	Argen-	:	Para-	and	:	:	:	States	ex-	:
Egypt	Senegal	Sudan	tina	Brazil	guay	Countries	regions	:	:	2/	:
---Million metric tons---											
0.80	0.02	0.31	0.29	1.16	0.18	24.37	3.81	28.18	22.37	4.49	: 1
0.73	0.04	0.38	0.21	1.20	0.15	23.83	3.40	27.23	22.92	4.47	: 2
0.72	0.02	0.44	0.34	1.09	0.20	23.14	3.83	26.97	24.14	4.64	: 3
0.72	0.02	0.44	0.30	1.09	0.20	23.24	3.79	27.03	24.28	4.60	: 4
0.02	0.88	1.11	0.26	0.29	0.02	15.53	4.33	19.86	18.05	9.77	: 5
0.02	0.96	1.00	0.19	0.22	0.03	13.48	4.10	17.58	16.01	7.87	: 6
0.02	0.95	1.00	0.14	0.26	0.03	14.00	4.58	18.58	17.26	8.65	: 7
0.02	0.65	1.00	0.14	0.26	0.03	14.40	4.59	19.00	17.68	9.05	: 8
0.01	0.00	0.00	1.98	0.03	0.00	13.59	1.12	14.72	12.62	4.23	: 9
0.01	0.00	0.00	2.20	0.03	0.00	15.36	1.09	16.44	13.95	4.37	: 10
0.01	0.00	0.00	2.50	0.03	0.00	15.36	1.56	16.93	15.01	4.44	: 11
0.01	0.00	0.00	2.50	0.03	0.00	14.87	1.56	16.43	14.95	4.43	: 12
0.00	0.00	0.00	0.01	0.01	0.00	12.14	0.21	12.34	12.34	1.84	: 13
0.00	0.00	0.00	0.00	0.00	0.00	14.92	0.21	15.13	15.13	2.25	: 14
0.00	0.00	0.00	0.00	0.01	0.00	14.64	0.24	14.87	14.87	2.90	: 15
0.00	0.00	0.00	0.00	0.01	0.00	14.28	0.24	14.52	14.52	2.68	: 16
0.02	0.00	0.00	0.60	0.00	0.00	2.04	0.04	2.09	1.89	1.07	: 17
0.02	0.00	0.00	0.73	0.00	0.00	2.53	0.03	2.56	2.26	1.46	: 18
0.02	0.00	0.00	0.65	0.00	0.00	2.14	0.06	2.19	2.00	1.14	: 19
0.02	0.00	0.00	0.65	0.00	0.00	2.12	0.06	2.17	2.00	1.13	: 20

3/ Assumes reported production for four States representing 97 percent of U.S. total.

--- No production reported or less than 5,000 tons.

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COARSE GRAINS: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate		Ten Year Record of Difference						
	from		Between October Forecast & Final						
	Trend-68% Confidence Level		Estimate						
	Percent	Quantity	Average	Average	Smallest	Largest	Number of Years		2/
		Million MT	Percent				Below	Above	
							Final	Final	
			-----Million MT-----						
<u>North America</u>									
Canada	8.5	2	3.6	1	- 1/	2	6	3	
United States	6.9	18	2.3	6	1	10	9	1	
<u>Western Europe</u>	5.8	6	1.4	1	-	3	8	2	
<u>Eastern Europe</u>	3.3	2	4.1	2	-	7	9	1	
<u>Oceania</u>									
Australia	19.9	1	12.7	1	-	1	3	6	
<u>South Asia</u>									
India	5.7	2					NA	NA	
<u>Centrally Planned Asia</u>									
China	2.9	3					NA	NA	
<u>Near East & Other Asia</u>									
Thailand	13.2	1	3.4	-	-	-	3	2	
<u>USSR</u>	19.4	15	7.3	7	2	12	6	4	
<u>Middle East and Africa</u>									
South Africa	31.3	3	32.6	2	-	7	6	4	
Turkey	5.5	1					NA	NA	
<u>Latin America & Caribbean</u>									
Argentina	18.0	3	16.3	3	-	4	6	3	
Brazil	9.6	2	9.6	2	-	4	5	5	
<u>Total Above</u>			1.6	9	3	19	7	3	
<u>Others</u>	4.3	4	2.1	3	1	11	7	3	
<u>World Total</u>	2.9	23	1.5	10	2	22	7	3	
<u>World Less U.S.</u>	3.0	16	1.6	8	-	28	5	5	
<u>Major Competitors 3/</u>	8.1	5	5.8	4	1	9	3	7	

1/ Less than 500,000 tons.

2/ May not add up to 10 if October estimate was the same as final.

3/ Includes Canada, Australia, Argentina, S. Africa and Thailand.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1973-1982; percent error is calculated at the mean. The 10 year record is based upon absolute differences from final estimates.

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WHEAT: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate :		: Ten Year Record of Difference :						
	: from :		: Between October Forecast & Final :						
	: Trend-68% Confidence Level :		: Estimate :						
	: Percent :	: Quantity :	: Average :	: Average :	: Smallest :	: Largest :	: ^{2/} Number of Years :		
			: Percent :				: Below :	: Above :	
			: Percent :				: Final :	: Final :	
	: Million MT :		: (-----Million MT-----): :						
<u>North America</u>									
Canada	: 12.0	: 3	: 2.3	-	- ^{1/}	1	: 6	: 3	
United States	: 8.0	: 6	: 0.6	-	-	1	: 7	: 3	
<u>Western Europe</u>	: 7.2	: 5	: 2.1	1	1	2	: 8	: 2	
<u>Eastern Europe</u>	: 9.1	: 3	: 2.6	1	-	2	: 4	: 5	
<u>Oceania</u>									
Australia	: 24.6	: 3	: 12.5	2	-	5	: 6	: 2	
<u>South Asia</u>									
India	: 5.1	: 2	: 4.1	1	-	3	: 7	: 2	
Pakistan	: 4.6	: 1					: NA	: NA	
<u>Centrally Planned Asia</u>									
China	: 6.7	: 5					: NA	: NA	
<u>USSR</u>	: 18.0	: 16	: 7.0	7	3	12	: 5	: 5	
<u>Middle East and Africa</u>									
South Africa	: 13.6	-					: NA	: NA	
Turkey	: 8.9	: 1					: NA	: NA	
<u>Latin America & Caribbean</u>									
Argentina	: 20.9	: 3	: 14.4	1	1	4	: 5	: 5	
Brazil	: 22.6	: 1					: NA	: NA	
<u>Total Above</u>			: 3.1	11	2	24	: 7	: 3	
<u>Others</u>	: 7.1	: 2	: 2.7	2	-	5	: 8	: 2	
<u>World Total</u>	: 4.1	: 20	: 2.6	12	1	26	: 6	: 4	
<u>World Less U.S.</u>	: 5.6	: 23	: 3.0	12	1	26	: 6	: 4	
<u>Major Competitors ^{3/}</u>	: 5.7	: 6	: 4.4	2	-	6	: 7	: 2	

^{1/} Less than 500,000 tons.

^{2/} May not add up to 10 if October estimate was the same as final.

^{3/} Includes Canada, Australia, Argentina, and the EC.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1973-1982; percent error is calculated at the mean. The 10 year record is based upon absolute differences from final estimates.

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Cotton, rice (rough), and oilseeds production: 1983/84 trend projections and standard errors 1/

Regions.	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	--Mil. bales--			---Mil. MT---			---Mil. MT---		
U.S. <u>2/</u>	7.5	0.4	5.5	4.7	.1	2.5	41.3	1.4	3.5
Canada	---	---	---	---	---	---	2.9 <u>3/</u>	.7	25.1
Western Europe:	---	---	---	1.6	.1	9.1	---	---	---
Eastern Europe:	---	---	---	---	---	---	---	---	---
USSR	13.3	.6	4.5	2.7	.2	6.2	4.4 <u>4/</u>	.6	13.1
Centrally									
Planned Asia:									
PRC	13.8	1.7	12.3	153.2	3.4	2.2	---	---	---
South Asia									
Bangladesh	---	---	---	21.5	.7	3.3	---	---	---
Burma	---	---	---	14.2	.9	6.7	---	---	---
India	6.4	.3	4.7	78.0	8.0	10.2	6.0 <u>5/</u>	.7	11.2
Pakistan	3.5	.5	14.3	5.4	.2	4.0	---	---	---
Near East &									
Other Asia									
Indonesia	---	---	---	33.9	1.6	4.6	---	---	---
Japan	---	---	---	12.7	1.1	8.8	---	---	---
South Korea	---	---	---	7.5	.8	11.3	---	---	---
Thailand	---	---	---	18.4	1.1	6.1	---	---	---
Middle East									
and Africa									
Egypt	2.3	.2	8.7	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.8 <u>5/</u>	.3	32.2
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.6	.2	33.3	---	---	---	---	---	---
Turkey	2.2	.2	9.1	---	---	---	---	---	---
Latin America									
& Caribbean									
Argentina	.6	.2	33.3	.3	.03	9.1	---	---	---
Brazil	3.1	.3	9.7	9.5	.7	7.1	15.6 <u>6/</u>	1.5	9.6
Mexico	1.2	.4	33.3	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.8	.1	16.0	---	---	---
Foreign	54.8	2.5	4.6	416.8	8.1	2.0	---	---	---
World	68.7	3.8	5.5	424.5	8.4	2.0	182.2	8.0	4.3 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1973/74-1982/83. Data reflect one standard error, i.e. 67-percent confidence level. In the case of USSR cotton, for example, there is a 67-percent probability that 1983/84 production will total within 0.6 million bales or 4.5 percent of the trend projection of 13.3 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 3/ Rapeseed. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.2; cottonseed, 5.4; sunflowerseed, 7.5; peanuts, 6.0; rapeseed, 7.5, and flaxseed, 10.5.

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FOREIGN AGRICULTURE CIRCULARS

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